

Docket :

UNITED STATES  
 Patents and Design Patents  
 Sole & Joint Inventors  
 Convention & Non-convention  
 PCT & Non-PCT  
 This form cannot be amended, altered  
 or changed after it is signed.  
 (For use only for inventors who  
 understand the English language.)

## Declaration and Power of Attorney United States Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first and sole inventor (*if only one name is listed below*), or an original, first and joint inventor (*if plural names are listed below*), of the subject matter which is claimed and for which a patent is sought on the invention entitled :

### MULTI-LAYER CIRCUIT BOARD AND METHOD FOR MANUFACTURING SAME

the specification of which : (*check one*)

☒ is attached hereto

☐ was filed as Attorney Docket No. \_\_\_\_\_ on \_\_\_\_\_

☐ was filed as U.S. Application No. \_\_\_\_\_ on \_\_\_\_\_

and (*if applicable*) was amended on \_\_\_\_\_

☐ was filed as PCT Application No. \_\_\_\_\_ on \_\_\_\_\_

and (*if applicable*) was amended under PCT Article 19 on \_\_\_\_\_

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign and PCT application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America listed in this Declaration. I have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application(s) on which priority is claimed:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed - Yes/No
2003-009233	Japan	17 January 2003	Yes

I hereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designating the United States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application No.	Filing Date	Status - Patented/Pending/Abandoned

I hereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Robert G. Weilacher (20,531), Herbert M. Hanegan (25,682), Dale Lischer (28,438), Frederick F. Calvetti (28,557), J. Rogers Lunsford, III (29,405), Michael A. Makuch (32,263), Dennis C. Rodgers (32,936), Mary A. Montebello (33,021), Eric J. Hanson (44,738), Brandon S. Boss (46,567), Brett L. Nelson (48,119), Robert J. Veal (30,895), Christopher A. Holland (46,316) and Brendan E. Squire (48,749).

Send all correspondence to: **Smith, Gambrell & Russell, LLP**  
1850 M Street, NW - Suite 800  
Washington, DC 20036.

All facsimiles may be sent to (202) 263-4329. Direct all phone calls to (202) 263-4300.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

\*\*\*\*\*

<b>Full name of sole or first inventor</b>	: Jinichi NOGUCHI
<b>Citizenship</b>	: Japanese
<b>Residence (city, state, country)</b>	: Tokyo, Japan
<b>Post office address</b>	: c/o Sumitomo Metal Mining Co., Ltd. 6-1, Suehiro-cho 1-chome, Ome-shi, Tokyo 198-8601, Japan

Signature : Jinichi Noguchi

Date : December 25, 2003

<b>Full name of second joint inventor</b>	: Shukichi TAKII
<b>Citizenship</b>	: Japanese
<b>Residence (city, state, country)</b>	: Nagano, Japan
<b>Post office address</b>	: c/o Shinko Co., Ltd. 12238 Nakaminowa, Minowa-machi, Kamiina-gun, Nagano 399-4692, Japan

Signature : Shukichi Takii

Date : December 26, 2003

<b>Full name of third joint inventor</b>	: Satoshi OOTSUKI
<b>Citizenship</b>	: Japanese
<b>Residence (city, state, country)</b>	: Nagano, Japan
<b>Post office address</b>	: c/o Shinko Co., Ltd. 12238 Nakaminowa, Minowa-machi, Kamiina-gun, Nagano 399-4692, Japan

Signature : Satoshi Ootsuki

Date : December 26, 2003

**Full name of fourth joint inventor** : Hiroyuki MAKINO  
**Citizenship** : Japanese  
**Residence (city, state, country)** : Kanagawa, Japan  
**Post office address** : 2-18-36-104, Kamariyahigashi, Kanazawa-ku,  
Yokohama-shi, Kanagawa 236-0042, Japan

Signature : Hiroyuki Makino Date : January 6, 2004

**Full name of fifth joint inventor** : Susumu SAKURAGI  
**Citizenship** : Japanese  
**Residence (city, state, country)** : Kanagawa, Japan  
**Post office address** : 3557-4, Yokouchi, Hiratsuka-shi, Kanagawa  
254-0002, Japan

Signature : Susumu Sakuragi Date : January 6, 2004

**Full name of sixth joint inventor** : Masaru TANAKA  
**Citizenship** : Japanese  
**Residence (city, state, country)** : Ehime, Japan  
**Post office address** : 1-1, Maeda-cho, Niihama-shi, Ehime 792-0007,  
Japan

Signature : Masaru Tanaka Date : January 7, 2004

**Full name of seventh joint inventor** : Toshio KOMIYATANI  
**Citizenship** : Japanese  
**Residence (city, state, country)** : Tokyo, Japan  
**Post office address** : c/o Sumitomo Bakelite Co., Ltd.  
5-8, Higashi-Shinagawa 2-chome, Shinagawa-ku,  
Tokyo 140-0002, Japan

Signature : Toshio Komiyatani Date : January 9, 2004

**Full name of eighth joint inventor** : Iji ONOZUKA  
**Citizenship** : Japanese  
**Residence (city, state, country)** : Tokyo, Japan  
**Post office address** : c/o Sumitomo Bakelite Co., Ltd.  
5-8, Higashi-Shinagawa 2-chome, Shinagawa-ku,  
Tokyo 140-0002, Japan

Signature : Iji Onozuka Date : January 9, 2004